

TG124A Statement of Volatility

Non-Volatile Memory

The TG124A contains a PIC32MX microcontroller with 32 kB of nonvolatile flash memory. This stores the firmware and correction data for the device. It also contains a FT232R USB interface IC with 128 bytes of EEPROM, for serial number and bus interface settings.

Non-volatile memory is modified at the factory during initial programming and adjustment. Neither the Spike software nor the Application Programming Interface (API) modify the non-volatile memory. There is no user-accessible non-volatile memory.

Volatile Memory

Numerous ICs, including the microcontroller, LO synthesizers, PLLs, and ADC, contain volatile configuration registers.

All volatile memory is erased when power is removed from the device for 3 seconds. Simply removing power clears the device of any user information.

Host PC

The Host PC running the software stores correction data, user presets, and any saved data to the PC's hard drive. User presets contain sensitive information such as frequencies and measurement settings. Saved data contains sensitive information such as frequency response data.

All files are saved by default to C:\Users\[user name]\Documents\SignalHound.

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Justin Crooks, Senior Engineer, Signal Hound